

***The Resources
Exist!***

***The Technology
is Available!***

***The Demand
is Real!***

***Ontario's New
Stone Age Deserves
Serious Consideration***

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Government Assistance Programs

Financial assistance is available for predevelopment and development phases of dimension stone quarrying and processing operations. For example:

NOR-DEV
Resource Diversification and Development
Industrial Infrastructure
Employee Incentives

NODC (Northern Ontario Development
Corporation)

NORTC (Northern Ontario Resources
Transportation Committee)

Information on conditions, assistance offered, and methods of application of the NOR-DEV and NORTC programs may be obtained from offices of the Ministry of Northern Development and Mines.

Details of NODC may be obtained directly from the corporation (416-965-4622) or from offices of the Ministry of Industry, Trade and Technology.

Sources of Information

Les Consultants Sogir Inc.

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Verschuren, C.P., Papertzian, V.C.,

Kingston, P.W., and Villard, D.J.

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Verschuren, C.P., Van Haften, S., and

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1985: Building Stones of Eastern Ontario, Southern Ontario; Ontario Geological Survey, Open File Report 5556, 116 p.

Carr, G.F.

1955: The Granite Industry of Canada; Canada Department of Mines and Technical Surveys, Mines Branch Pub. No. 846.

Hewitt, D.F.

1964: Building Stones of Ontario, Parts I-V, Ontario Department of Mines, Industrial Mineral Reports No. 14, 15, 16, 17 and 19.

Parks, W.A.

1916: Report on the Building and Ornamental Stones of Canada, Vol. IV Ontario, Canada Department of Mines, Mines Branch Pub. No. 388.

In addition, Mines and Mineral Division activities in each region are published annually in the "Report of Activities, Regional and Resident Geologists" and "Summary of Field Work and other Activities" (Ontario Geological Survey Miscellaneous Papers).

MINES & MINERALS DIVISION

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Opportunities

in

Ontario's

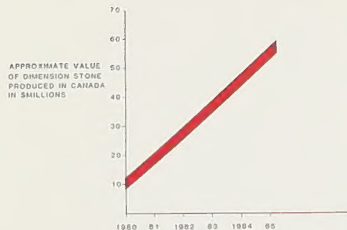
New Stone Age



Ministry of
Northern Development
and Mines

IN RECENT YEARS there has been a rapidly escalating trend toward the use of natural stone in the building and construction industry, both for interior and exterior building facing and for a host of other uses. The market for granite, alone, in North America increased over 1700% during the period 1980-84. In 1985, the value of granite dimension stone production in Canada was over \$57 million. Marble, slate, gneiss and other common and less common materials are in greater demand for a variety of purposes.

Ontario stone producers have benefited from these trends. Production of pink granite from Vermilion Bay in north-western Ontario has increased and the stone is sold as far afield as California. The new Canadian Chancery in Washington, D.C., to be situated prominently on Pennsylvania Avenue, will be faced with \$5 million worth of marble from the Bruce Peninsula in southern Ontario. These are only two of a wide variety of stone extraction and processing operations currently active throughout Ontario. Products of these developments include large dimension blocks of both granite and limestone which are processed for construction, monumental and industrial purposes; thinly-bedded sandstone, limestone, and foliated volcanic/metasedimentary rocks used in a variety of flagstone, ashlar, ornamental and rough stone applications; crushed stone used for specialised landscaping and construction; and a diversity of other ornamental stone and stone pro-



ducts, e.g. soapstone, marble, and alabaster carvings.

Nevertheless, Canada in general and Ontario in particular are net importers of building and ornamental stones. In recent years Canadian exports of granite to the USA increased by about 200% but imports skyrocketed by almost 1000%. In 1984, nearly \$8 million worth of rough to fully finished marble was imported, mainly from Italy.

To reduce this import/export imbalance, to satisfy the increasing demand for traditional products, and to promote the use of new and different stone products more attention and investment must be applied to local resources. There are many opportunities for new developments in the stone industry in Ontario and there are opportunities for "prospectors and developers" to participate in these

developments. Quarriable deposits of world-class quality granites and marbles are present throughout the province. Details of their occurrences are available through the Mines and Minerals Division of the Ministry of Northern Development and Mines which has and is carrying out various stone inventory programs and marketing studies.



Areas of major activity

Where to get help

INFORMATION, ADVICE AND ASSISTANCE can be obtained throughout Ontario from offices of the Mines and Minerals Division. The following offices are currently involved with dimension stone programs.

Industrial Minerals Section
Mineral Development and Lands Branch
99 Wellesley St. West, Toronto, M7A 1W3
(416) 965-3128

Engineering and Terrain Geology Section
Ontario Geological Survey
77 Grenville St., Toronto, M7A 1W4
(416) 965-1182

Resident Geologist
Southern Ontario Region
Box 70, 255 Metcalfe St.
Tweed, Ontario, K0K 3J0
(613) 478-2330

Resident Geologist
Northeastern Ontario Region
10th Floor, 199 Larch St.
Sudbury, Ontario, P3E 5P9
(705) 675-4120

Resident Geologist
Northwestern Ontario Region
435 James St. South
Thunder Bay, Ontario, P7E 6E3
(807) 475-1331

and

Senior Regional Geologist
Box 5050, 810 Robertson St.
Kenora, Ontario, P9N 3X9
(807) 468-3111